

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18
Stylesheet Version v18.0

Title of
Invention

**SWITCHABLE VOLUME HOLOGRAM MATERIALS AND
DEVICES**

Application Number: 10/691593
Confirmation Number: 7316
First Named Applicant: Richard Sutherland
Attorney Docket Number: SAIC0003-C3-C
Art Unit: 2872
Search string: (4045124 or 4022947 or 4018228 or 4006963
or 4003629 or 3758186 or 3667946 or 3658526
or 3580655 or 3565509 or 3432225).pn.

**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>he</i>	1	4045124	1977-08-30	Pollack, et al.		350	160 LC
<i>he</i>	2	4022947	1977-05-30	Grubb, et al.		428	432
<i>he</i>	3	4018228	1977-04-18	Goosen		128	305
<i>he</i>	4	4006963	1977-02-09	Baues, et al.		350	96 C
<i>he</i>	5	4003629	1977-01-18	Baues, et al.		350	96 C
<i>he</i>	6	3758186	1973-09-17	Brumm		350	3.5
<i>he</i>	7	3667946	1972-06-05	Sturdevant		96	35.1
<i>he</i>	8	3658526	1972-04-25	Haugh		96	27
<i>he</i>	9	3580655	1971-05-25	Leith, et al.		350	3.5
<i>he</i>	10	3565509	1971-02-23	Sulzbach		350	164
<i>he</i>	11	3432225	1969-03-17	Rock		350	164

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Examiner Name	Date
<i>he</i>	5/27/04



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Search string: (5272550 or 5270843 or 5264950 or 5258008
or 5240636 or 5235445 or 5234447 or 5227906
or 5227859 or 5210630 or 5198912 or 5188638
or 5182180 or 5182665 or 5174276 or 5170925
or 5166813 or 5144690 or 5136666 or 5105298
or 5096282 or 5084203 or 5047040 or 5015249
or 5014709 or 5011624 or 5003386 or 4994204
or 4983176 or 4942102 or 4938568 or 4930674
or 4929240 or 4923269 or 4891152 or 4857425
or 4856876 or 4832424 or 4818070 or 4810063
or 4809713 or 4728547 or 4688900 or 4673241
or 4560249 or 4416540 or 4374371 or 4368736
or 4210132 or 4124947),pn.

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>12</i>	1	5272550	1993-12-21	Dickson, et al.		359	3
<i>12</i>	2	5270843	1993-12-14	Wang		359	52
<i>12</i>	3	5264950	1993-11-23	West, et al.		359	51
<i>12</i>	4	5258008	1993-11-02	Wilk		606	219
<i>12</i>	5	5240636	1993-08-31	Doane, et al.		252	299.01
<i>12</i>	6	5235445	1993-08-10	Hirai, et al.		359	52
<i>12</i>	7	5234447	1993-08-10	Kaster, et al.		808	153
<i>12</i>	8	5227906	1993-07-13	Tokumitsu		359	117
<i>12</i>	9	5227859	1993-07-13	Leib, et al.		556	347

10	5210630	1993-05- 11	Heynderickx, et al.	359	106
11	5198912	1993-03- 30	Ingwall, et al.	359	3
12	5188638	1993-02- 28	Tzakis	606	153
13	5182180	1993-01- 28	Gambogi, Jr., et al.	430	1
14	5182665	1993-01- 28	O'Callaghan, et al.	359	95
15	5174276	1992-12- 26	Crockard	128	4
16	5170925	1992-12- 18	Madden, et al.	227	175
17	5166813	1992-11- 24	Metz	359	15
18	5144690	1992-09- 01	Domash	385	12
19	5136666	1992-08- 04	Anderson, et al.	385	24
20	5105298	1992-04- 14	Schellenberg	359	3
21	5096282	1992-03- 11	Margerum, et al.	359	3
22	5084203	1992-01- 26	Sansone, et al.	252	299.5
23	5047040	1991-09- 16	Simpson, et al.	606	159
24	5015249	1991-05- 14	Nakao, et al.	606	142
25	5014709	1991-05- 14	Bjelkhaugen, et al.	128	654
26	5011624	1991-04- 30	Yamagishi, et al.	252	299.5
27	5003386	1991-03- 28	Doyle, et al.	358	90
28	4994204	1991-02- 18	Doane, et al.	252	299.01
29	4983176	1991-01- 06	Cushman, et al.	606	151
30	4942102	1990-07- 11	Keys, et al.	430	1
31	4938568	1990-07- 03	Margerum, et al.	350	334
32	4930674	1990-06- 05	Barak	227	179
33	4929240	1990-05- 26	Kirsch, et al.	606	151
34	4923269	1990-05- 08	Healey	350	96.15
35	4891152	1990-01- 08	Miller, et al.	252	299.01
36	4857425	1989-08- 18	Phillips	430	1
37	4856878	1989-08- 16	Ferguson	350	350 F
38	4832424	1989-05- 28	McGrew	350	3.65
39	4818070	1989-04- 04	Gunjima, et al.	350	334
40	4810063	1989-03- 07	Ferguson	350	347 V
41	4809713	1989-03- 07	Grayzel	128	785
42	4728547	1988-03- 07	Vaz, et al.	428	1
43	4688900	1987-08- 25	Doane, et al.	350	347 V
44	4673241	1987-06- 16	Nishiaki, et al.	350	3.64
45	4580249	1985-12- 24	Nishiaki, et al.	350	182.17

46	4416540	1983-11-22	Nicholson	350	3.89
47	4374371	1983-02-18	Narancic	337	159
48	4368736	1983-01-18	Kaster	128	334 C
49	4210132	1980-07-01	Perlin	128	1 R
50	4124947	1978-11-14	Kuhl, et al.	40	453

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Search string: (6211976 or 6172778 or 6115152 or 5942157
or 5937115 or 5930011 or 5915051 or 5875012
or 5862214 or 5862504 or 5832148 or 5771320
or 5751452 or 5748272 or 5734485 or 5731853
or 5725970 or 5706375 or 5698343 or 5698134
or 5695682 or 5682214 or 5680233 or 5661577
or 5661533 or 5648857 or 5641426 or 5593615
or 5547786 or 5544268 or 5529881 or 5499118
or 5488681 or 5471326 or 5453338 or 5384067
or 5376095 or 5366462 or 5363228 or 5356557
or 5354498 or 5332618 or 5330486 or 5330264
or 5328800 or 5323251 or 5313317 or 5303322
or 5299289 or 5291317).pn.

US Patent Documents

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>lit</i>	1	6211976	2001-04-03	Popovich, et al.		359	15
<i>lit</i>	2	6172778	2001-01-29	Reinhorn, et al.		359	15
<i>lit</i>	3	6115152	2000-09-05	Popovich, et al.		359	15
<i>lit</i>	4	5942157	1999-08-24	Sutherland, et al.		252	582
<i>lit</i>	5	5937115	1999-08-10	Domash		385	16
<i>lit</i>	6	5930011	1999-07-27	Gambogi, Jr., et al.		359	15
<i>lit</i>	7	5915051	1999-06-22	Damask, et al.		385	16
<i>lit</i>	8	5875012	1999-02-23	Crawford, et al.		349	74
<i>lit</i>	9	5862214	1999-01-18	Aggus, et al.		379	435

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10	5852504	1998-12-22	Kato, et al.	359	9
11	5832148	1998-11-03	Yariv	385	16
12	5771320	1998-06-23	Stone	385	16
13	5751452	1998-05-12	Tanaka, et al.	359	52
14	5748272	1998-05-08	Tanaka, et al.	349	86
15	5734485	1998-03-31	Buchkremer, et al.	359	25
16	5731853	1998-03-24	Taketomi, et al.	349	15
17	5725970	1998-03-10	Martin, et al.	430	2
18	5706375	1998-01-06	Mihailov, et al.	385	24
19	5698343	1997-12-18	Sutherland, et al.	430	1
20	5698134	1997-12-16	Jubb, et al.	252	299.01
21	5695682	1997-12-08	Doane, et al.	252	299.01
22	5682214	1997-10-28	Amako, et al.	349	74
23	5680233	1997-10-27	Faris, et al.	359	41
24	5661577	1997-08-26	Jenkins, et al.	359	11
25	5661533	1997-08-26	Wu, et al.	349	169
26	5648857	1997-07-18	Ando, et al.	359	12
27	5641426	1997-06-28	Nerad, et al.	252	299.01
28	5593615	1997-01-14	Nerad, et al.	252	299.01
29	5547788	1996-08-28	Brandstetter, et al.	430	1
30	5544268	1996-08-06	Bischel, et al.	385	4
31	5529861	1996-06-25	Redfield	430	1
32	5499118	1996-03-12	Wreede, et al.	359	12
33	5488681	1996-01-30	Deacon, et al.	385	37
34	5471326	1995-11-28	Hall, et al.	359	15
35	5453338	1995-09-26	Suga, et al.	430	1
36	5384067	1995-01-24	Doane, et al.	252	299.01
37	5376095	1994-12-27	Ortiz	505	143
38	5366462	1994-11-22	Kaster, et al.	505	153
39	5363228	1994-11-08	DeJule, et al.	359	117
40	5356557	1994-10-19	Jubb, et al.	252	299.01
41	5354498	1994-10-14	Akashi, et al.	252	299.01
42	5332618	1994-07-02	Austin	428	216
43	5330486	1994-07-19	Wilk	606	139
44	5330264	1994-07-19	Ando, et al.	359	12
45	5328800	1994-07-12	Yokoya, et al.	430	203

46	5323251	1994-06-21	Coates, et al.	359	51
47	5313317	1994-05-17	Saburi, et al.	359	13
48	5303322	1994-04-12	Winston, et al.	385	146
49	5299289	1994-03-28	Omae, et al.	359	95
50	5291317	1994-03-01	Newswanger	359	15

Signature

Examiner Name	Date
<i>[Signature]</i>	5/24/94